

No : 1st & part
E.E. Dasarahalli

Original/Duplicate/ Triplicate
Contract Certificate
(For Other Works)
Sub-Division

ACE/MDSD/SBR/105/18-19
Date :
dt - 26/3/19

Bill Received No. Dated Cash Book Voucher No. Dated

Schedule No. Head of Account:

Name of Work : Improvements & asphaltting to main and cross roads at
Soap Factory Layout, M.S.Ramaiah Layout, Siddeshwara Layout,
Bhuvaneshwari Layout & Vishweshwaraiah Layout in Bagalagunte in Ward
No:14 (5-Works) Package No. DZ 2017-18-(04)

M.S.Venkatesh

Reference to Agreement No.

JOB CODE : 014-18-000061,62,63 & 65

Work Order No: EE/DD/WO/304/2018-19 Dated:02/02/2019

Certified that the measurements were taken by me on 20.03.19 and recorded in pages 60840-512
of measurements Book No 6091218 and that the work is satisfactorily executed.

Contractor Signature

Officer - in - charge of work

Certified that the measurements were checked by me on 20.03.19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accountant II have been actually bought to the site of the work and contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor in recorded in the office.

If Memorandum of Payment JOB CODE : 014-18-000061,62,63 & 65

Sub-Division Officer

- Total Value of work done or supplies made as per account within
- Deduct amount to be held in reserve being 10 percent
- do- Balance
- Deduct Payments:
a) Amount of previous payment as in the Office Cash Book
Voucher No. Dated S.D. No.
Amount adjusted towards cash advance recovery of
b) Payments cost store or other materials supplied.
Balance being unpaid value of work done held in reserve
Deduct cash advance made on the office Cash Book Voucher
No. dated less adjustments
7. Net amount due to or from contractor
Unadjusted items
8. Advance to contractor for materials brought to site (as detailed)
within value of Government materials supplied.

IT and Part B → 21866732 = ∞
IT → 437335 = ∞
LWC → 218667 = ∞
LR → 32188 = ∞
CBF → 21867 = ∞
Cyst → 195239 = ∞
Syst → 195239 = ∞
1100535 = ∞

Net Amount → 20766197 = ∞

Received Rs. (in words)

.....by cash and by adjustment of
Payment as per memorandum
(In final settlement of all demand)

Witness:

1.

2.

Signature of the Contractor

Date

Paid by me by Cheque No. Dated

Cash Rs. Dated

Initials of office making payment dated

(For use in the office)

21 and Part → P-0190

Audited and admitted for Rs.	21866732
Passed by Cheque for Rs.	20766197
by adjustment Rs.	1100535
Executive Engineer	Accounts Superintendent
Sub-Division	Exe Engineer

Name of Work : Improvements & asphaltting to main and cross roads at Soap Factory Layout, M.S.Ramaiah Layout, Siddeshwara Layout, Bhuvaneshwari Layout & Vishweshwaraiah Layout in Bagalagunte in Ward No:14 (5-Works) Package No. DZ 2017-18-(04).

Item No	Description of item	Unit	Previous Measurement			Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Per	Cost	Qty	Cost		
2	Removing B.S. slab of Drain and stacking (page No 25, I.no.5.32 of KPWD S.R 2016-17)	Sqm	-	-	492.75	73.59	36261.47	492.75	36261.47		
3	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 (P-141/19.1)	Cum	-	-	2456.15	97.32	239032.03	2456.15	239032.03		
5	KSRB 4.1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2	Cum	-	-	86.46	6269.11	542027.25	86.46	542027.25		
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	-	-	970.80	1112.11	1079636.39	970.80	1079636.39		
8	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Sqm	-	-	34.74	4969.47	172639.39	34.74	172639.39		
26	KSRB 4.1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2	Rmt	-	-	60.80	6457.82	392635.46	60.80	392635.46		
27	Refixing B.S. slab of Drain and pointing in C.M (1:3) (Page No.25, I NO.5.33 of KPWD S.R 2016-17)	Nos	-	-	492.75	90.20	44446.05	492.75	44446.05		
9	Providing Precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge Data rate	Sqm	-	-	1508.85	2053.53	3098468.74	1508.85	3098468.74		
10	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Sqm	-	-	2225.00	432.03	961266.75	2225.00	961266.75		

Sl. No	Description of item	Unit	Previous Measurement			Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rs. Ps.	Cost	Qty	Cost		
11	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Cum	-	-	452.70	71.21	32236.77	452.70	32236.77		
12	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Cum	-	-	688.50	5.93	4082.81	688.50	4082.81		
12	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305	Cum	-	-	103.28	392.86	40574.58	103.28	40574.58		
13	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading-II Material	Sqm	-	-	172.13	1731.66	298070.64	172.13	298070.64		
14	Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site, Laying in uniform layers with paver in subbase/course on the well prepared surface and compacting with vibratory rollers to achieve the desired density complete as per MORTH specification No. 406, etc with all lead and lifts and as per directions of the Engineer-in-charge(Item No: 20.18, Page No:157 of KPWD S.R2016-17)	Sqm	-	-	719.18	1979.72	1423779.98	719.18	1423779.98		
19	KSRRB 3000 Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, applying tack coat on the sides and base of excavation at 2.5kg/10sqm as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications MORTH Specification No. 3004.2	Nos	-	-	369.68	338.26	125047.96	369.68	125047.96		
21	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	-	-	688.50	30.86	21247.11	688.50	21247.11		

Sl. No.	Description of Item	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
22	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Nos	-	-	14874.70	3.56	52953.93	14874.70	52953.93	
23	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5	Sqm	-	-	20701.80	13.06	270365.51	20701.80	270365.51	
24	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed Coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, butexcluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen	Nos	-	-	464.95	6210.95	2887781.20	464.95	2887781.20	
28	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (30 mm to 45 mm) with6 % VG-30 BitumenMORTH Specification No. 509(SI No. 21.22.6, Page 164)	Nos	-	-	622.53	15283.48	9514424.80	622.53	9514424.80	
24	Add Plastic to Bituminous Concrete 8% of Bitumen	kg	-	-	422.68	30.23	12777.47	422.68	12777.47	
25	Road marking with Hot Applied Thermoplastic Compound with reflectorising glass beads on bituminous surface:- Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area,thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page no- 181., It-24.15 of KPWD S.R 2016-17	Sqm	-	-	535.58	607.68	325461.25	535.58	325461.25	

No	Description of Item	Unit	Previous Measurement		Present Measurement		Total Up-to-date		Remarks
			Qty	Cost	Rate Rs. Ps.	Cost	Qty	Cost	
28	Lead charges for conveying the Excavated earth including loading and unloading upto 10kms as per directions.	Cum	-	-	2456.15 118.69	291520.00 291519.85	2456.15	291519.85	291520.00
Grand Total						21866737.38		21866737.38	

- 1 Certified that work done satisfactorily
- 2 Certified that there are no dues from contractors towards this work.
- 3 Certified that Contractor removed all debris from site.

Assistant Engineer

Assistant Executive Engineer